Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A method for securing a wireless communication medium using a Subscriber Identity Module (SIM) card, comprising:

determining a SIM card insertion and if so, accessing SIM data and transmitting the SIM data to a base station for comparison with a local copy of an authorized user data file;

granting mobile unit access to the base station if the comparison is indicative of a match and otherwise indicating an access failure; and

if the mobile unit access is granted, determining a desired level of service and dynamically adjusting a number of time slots assigned to the wireless communication medium during data transmission to remain within limits of the desired level of service via the dynamically adjusted number of time slots and at least one short-range wireless medium.

Claim 2 (currently amended): The method of claim 1, wherein the at least one short-range wireless ~~communication~~ medium conforms to an 802.11 specification.

Claim 3 (currently amended): The method of claim 1, wherein the at least one short-range wireless ~~communication~~ medium conforms to a Bluetooth specification.

Claim 4 (currently amended): The method of claim 1, wherein the at least one short-range wireless ~~communication~~ medium operates at 2.4 gigahertz.

Claim 5 (canceled)

Claim 6 (previously presented): The method of claim 1, wherein the dynamic adjusting comprises:

determining available time-slot resources;

detecting the wireless communication medium that fails to meet said desired level of service;

allocating the wireless communication medium to a configuration having additional time slots; and

transmitting a channel assignment message including information on the allocated configuration with the additional time slots.

Claim 7 (previously presented): The method of claim 6, further comprising instructing transceivers to communicate only in their newly allocated time-slots.

Claim 8 (currently amended): A method for data transmission ~~over first and second wireless media that overlap in frequency,~~ comprising:

securing access to a base station using a SIM card of a mobile station;

if the access is secured, selecting one of ~~the~~ first and second wireless media that overlap in frequency as a common wireless medium for the mobile station; and

routing the data transmission through the mobile station via the common wireless medium.

Claim 9 (previously presented): The method of claim 8, wherein the common wireless medium conforms to an 802.11 specification.

Claim 10 (previously presented): The method of claim 8, wherein the common wireless medium conforms to a Bluetooth specification.

Claim 11 (previously presented): The method of claim 8, wherein the common wireless medium operates at 2.4 gigahertz.

Claim 12 (currently amended): A method for data transmission ~~over first and second wireless media that overlap in frequency,~~ comprising:

securing access to a base station using a SIM card of a mobile station;

if the access is secured, selecting one of ~~the~~ first and second wireless media that overlap in frequency as a common wireless medium for the mobile station; and

instructing transceivers for the first and second wireless media to communicate ~~only~~ through the mobile station only via the common wireless medium.

Claim 13 (previously presented): The method of claim 12, wherein one of the wireless media conforms to an 802.11 specification.

Claim 14 (previously presented):The method of claim 12, wherein one of the wireless media conforms to a Bluetooth specification.

Claim 15 (previously presented): The method of claim 12, wherein the first and second wireless media operate at 2.4 gigahertz.

Claim 16 (previously presented): The method of claim 12, wherein a packet is initially transmitted at the highest rate supported by both wireless media.

Claim 17 (previously presented): The method of claim 16, further comprising retrying the packet at the next lower rate if the packet is not successfully acknowledged.